## **EAST Search History**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S55	3	("6835465").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/06/30 14:39
999	314	(thermal near2 barrier§2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same (lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum or cerium) or (aluminum or ate) or ("la. sub. 2hf. sub. 2h	US-PGPUB; USPAT; USCOR; FPRS; EPC; JPC; DEFWENT; IBM_TDB	ADJ	ON	2009/06/30 16:06

SS7	47	(thermal near2 barriers2 near2 coat\$3) and ((ytria near2 stabiliz\$5 near2 zirconia\$2) or "ysz") same ((lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum or (lanthanum cerate) or ("la. sub. 2hf. sub. 2cs. sub. 7") or ("la. sub. 2tr. sub. 2cs. sub. 7") or ("la. sub. 2tr. sub. 2cs. sub. 7") or ("la. sub. 2cs.	US-PATUR; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30
S58	ь. 51	(thermal near2 barriers? near2 coat\$3) and ((ytria near2 stabiliz\$3 near2 zirconia\$2) or "ysz" same ((lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (aluminum or (lanthanum neare) or ("la.sub.2b.1") or ("la.sub.2t.sub.2") or ("la.sub.2t.sub.2") or ("la.sub.2t.sub.2") or ("al.sub.2t.sub.2") or ("al.sub.2t.sub.2") or ("al.sub.2t.sub.2") or ("al.sub.2t.sub.2") or ("al.sub.2t.sub.2") or ("al.sub.2t.sub.2")	US-POPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/06/30

		sub.7") or ("oe. sub.2hf.sub.2o. sub.2hf.sub.2o. sub.7") or ("oe. sub.2r. sub.2o. sub.7") or ("al. sub.2co. sub.7") or ("la. sub.2co. sub.7") and (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3)				
2869	51	(thermal near2 barriefs2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same ((lanthanum near2 (hafnate or zirconate)) or (hafnate near2 (aluminum or cerium)) or (cerium zirconate) or (lanthanum near2 (naum zirconate) or (lanthanum cerate) or (lanthanum cerate) or (lanthanum cerate) or ("la.sub.2h.f. sub.2b.sub.2h') or ("la.sub.2tr.sub.2o.sub.7") or ("la.sub.2tr.sub.2o.sub.7") or ("oe.sub.2tr.sub.2o.sub.7") or ("oe.sub.2tr.sub.2o.sub.7") or ("oe.sub.2tr.sub.2o.sub.7") or ("oe.sub.2tr.sub.2o.sub.7") or ("oe.sub.2tr.sub.2o.sub.7") and (heat sub.2ce.sub.2o.sub.7") and (heat sub.2ce.sub.2o.sub	US-PGPUB; USPAT; USCOR; FPRS; EPC; JPC; DEFWENT; IBM_TDB	ADJ	ON	2009/06/30 16:32

S60	63	(thermal near2 barrier\$2 near2 coat\$3) and (yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 ((lanthanum near2 (hafnate or zirconia\$2) or (hafnate near2 (aluminum or certien)) or (rianum zirconate) or (lauminum or zirconate) sub.2z. sub.2n") or ("o. sub.2z. sub.2o. sub.2n") or ("la. sub.2co. sub.2o. sub.7") or ("la. sub.2co. sub.2co. sub.2co. sub.7") or ("la. sub.2co. sub.2c	US-PGTUB; USPAT; USOCR; FPRS, EPO; JPO; DEFWENT; IBM_TDB	ADJ	ON	2009/06/30 16:35
S61	***************************************	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3 or anneal \$3)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB		ON	2009/06/30 16:35

S62	1013	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 (heat \$3 or volat\$4 or sinter\$3 or cur\$3 or bak\$3 or anneal \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 08:38
S63	228	(thermal near2 barrier\$2 near2 coat\$3) and ((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") same3 (heat \$3 or otat\$3 or anneal \$3) with ("C" or anneal \$3) with ("C" or for Gegree\$2)	US-PGPUB; USPAT; USCOR; FPRS; EPO; JPC; DERWENT; IBM_TDB	ADJ	ON	2009/07/01 08:39
S64	4	(thermal with barrier with coat \$3) and ((EB near2 PVD) or (electron near2 beam near3 deposit53)) same (multi\$4 near2 source\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 09:33
S65	10	((thermal with barrier with coat \$3) and ((EB near2 PVD) or (electron near2 beam near3 deposits3)) same ((multi\$4 near2 source\$2) or (co near2 evaporat \$4))	US-PGPUB; USPAT; USOCR	OR	0 0 0 0	2009/07/01 09:36

S66	58	("2927043"	US-PGPUB;	ADJ	ON	2009/07/01
	00	"3410716"	USPAT; USOCR		0.,	09:40
		"3415672"				
		"3489537"				
		"3849865"				
		"3869779"			*	
		"3955935"				
		"3978251"			į.	
		"3979534"				
		"3996021"				
		"4005989"			***	
		"4080486"   "4269903"				
		"4321310" I				
		"4321310   "4321311"				***************************************
		"4335190" I				
		"4374183" I				
		"4399199" I			***	
		"4401697" I				
		"4405659"			***	
		"4405660"				
		"4414249"				
		"4447503"				
		"4588607"				
		"4639399" j				
		"4676994" j				
		"4880614"				***
		"4916022"				
		"5015502"				
		"5080977"				
		"5238752"				
		"5512382"			***	
		"5514482"				
		"5683761"				
		"5683825"				
		"5906895"				***
		"5955182").PN. OR ("6482537").URPN.				
		;	<u></u>			
367	12	("4399199"	US-PGPUB;	ADJ	ON	2009/07/01
	-	"5512382"	USPAT; USOCR			09:51
		"5660885"			***	
		"5683825"			*	***************************************
		"5792521"   "5871820"			*	
		"5914189"			***************************************	
		"6482537").PN. OR			*	
	-	("6720038").URPN.				
260	1	("6620518").PN.	US-PGPUB;	OR	OFF	2009/07/01
368		( 0020310 J.FIN.	USPAT; USOCR	VI.	UFF	10:12
	£	1	ion Mi, ocoon	1	\$	10.12

S69	***************************************	(((thermal with barrier with coat \$3) or TBO) and ((EB near2 PVD) or (electron near2 beam near3 deposit \$3) and (((yttria near2 stabiliz83) and ((yttria near2 stabiliz83) or "ysz") or (((Lanthanum zirconate) or ("la. sub.2z", sub.2o. sub.2"))) same ((aluminum near2 silicon) or ("al" near2 "s"))	US-PGPUB; USPAT; USOCR	OR		2009/07/01 10:48
S70	2	((thermal with barrier with coat \$30 or TBQ and ((CE) near2 PVD) or (electron near2 beam near3 deposit \$30) and (((tythermal with the pears) and ((tythermal with the pears) or ("sax") or ("sax") or ((tanthanum near2 zirconate) or ("la. sub. 2zr. sub. 2z. sub. 7))) same ((aluminum near2 zirconate) or ("al"near2 silicon) or ("al"near2 silicon) or ("al"near2 silicon) or ("al"near2 silicon)	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:51
S71	0	((thermal with barrier with coat six) or TEO; and ((EB near2 PVD) or (electron near2 beam near3 deposit Six)) and (((yttria near2 six)) and (((yttria near2 six))) and (((yttria near2 six))) and (((tlanthanum near2 zix))) same ((tlanthanum near2 zix)) sub. 27 sub. 20. sub. 7"))) same ((aluminum near2 six)) are sixilion) or ("a" near2 "si"))	EPO, JPO; DERWENT	OR	ON	2009/07/01 10:52

S72	1	((thermal with barrier with coat \$3) or TBC) and ((EE near 2 FVD) or (electron near2 beam near3 deposit \$3) and ((tytria near2 stabiliz\$3 near2 zirconia\$2) or "ysz" or ((Llanthanum near2 zirconate) or ("la sub. 2zr. sub. 2c. sub. 7"))) same2 ((aluminum near2 silicon) or ("al" near2 si"))	EPO, JPO; DERWENT	OR	ON	2009/07/01 10:52
S73	. 2	((thermal with barrier with coat s3) or TBQ and ((IB near2 PVD) or (electron near2 beam near3 deposit \$3)) and (((yttria near2 stabiliz\$3 near2 zirconia\$2) or "ysz") or ("la sub. 2zr. sub. 2o. sub. 7")) and ((aluminum near2 silicon) or ("al" near2 silicon)	EPO, JPO; DEFWENT	ÖR	ON	2009/07/01 10:53
S74	¬ — — — — — — — — — — — — — — — — — — —	((thermal with barrier with coat \$\$3\) or TBQ and ((EB near2 PVD) or (electron near2 beam near3 deposit \$\$3\) and (((yttria near2 stzbiliz83) near2 zirconia\$2) or "ysz") or ((tlanthanum near2 zirconia\$2) or "ysz") or ("la sub 2z isconate) or "la sub 2z isconate) or "sub you with a sub zirconia\$2 inconate) or "la sub 2z isconate) or "sub you with a sub zirconia\$2 inconate) or "la sub zirconia\$2 inconate or "la sub zirconia\$2 inconate or "la "la near2 "si")) and a sub zirconia\$2 inconate or "la "la near2 "si")	US PGPUB; USPAT; USOCR	OR	ON	2009/07/01 10:53

375	51	((thermal with	US-PGPUB;	OR	ON	2009/07/01
	1	barrier with coat	USPAT; USOCR			10:53
		\$3) or TBC) and		•		***
		((EB near2 PVD) or				
		(electron near2				
		beam near3 deposit				
	i	\$3)) and (((yttria				
		near2 stabiliz\$3				
		near2 zirconia\$2)				
	i .	or "ysz") or				
	i	((Lanthanum				
		near2 zirconate) or				
	i .	("la.sub.2zr.sub.2o.				
		sub.7"))) same3				
		((aluminum near2				
		silicon) or ("al"				
		near2 "si"))				

## 7/1/2009 12:39:56 PM

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